



# Bay Port Valve & Fitting, Inc.

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## *Edward and Anchor/Darling Nuclear Application Valves*



*Experience In Motion*

## Main Steam and Main Feedwater Isolation Valves

### Gas / Hydraulic Actuated Equiwedge Gate Valves

- Single stored energy system / redundant control systems.
- Standard features include:
  - Manifold-mounted hydraulic components
  - Off-line testing capabilities
  - Exercise stroke capabilities
  - Extended periods between maintenance
  - No external hose or piping connections
- Similar in weight and smaller than pneumatic actuators.
- Consistent stroke times.
- Fluid filtration systems prevent particulate contamination of hydraulic fluid.
- Environmental qualification to IEEE-382, 323 and 344.
- ASME B16.41 and QME-1 functionally qualified.



**Since 1985,  
over 80% of the  
world's MSIVs  
and MFIVs have  
been supplied by  
Flowserve!**



**Simple design and operating principle**

**Extensive, proven track record**

**Environmentally and functionally qualified valve and actuator**

**Flowserve service, training and warranty**

**No failures to perform safety-related function**

**Over 8,000 service years of reliable operation**